CITY OF DAYTON, OHIO
DEPARTMENT OF PUBLIC AFFAIRS

CITY HALL • 101 WEST THIRD STREET
P.O. BOX 22 • DAYTON, OHIO 45401
937.333.3616 • FAX 937.333.4269
www.cityofdayton.org

Tech Town Building Earns Certification for Energy Efficiency

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Contact: Timothy Downs, Deputy Director of Economic Development, 333-3621

The Creative Technology Accelerator (CTA), the first building constructed at Dayton's Tech Town technology park, is being recognized for meeting national benchmarks for energy conservation and environmental responsibility.

The CTA's geothermal heating system, energy-efficient lighting, environmentally sensitive materials and roof garden are just some of the energy-saving features recognized by the non-profit U.S. Green Building Council (USGBC), which awarded LEED Gold Certification to the building.

LEED (Leadership in Energy and Environmental Design) certification is presented by the USGBC following a rigorous review of a structure's environmental impact. Gold Certification is the second-highest of four levels of LEED status.

The CTA's highly efficient energy system and envelope design received seven out of eight possible LEED credit points for optimizing performance. This is equivalent to an annual energy cost savings of over 32 percent when compared to a conventionally designed building.

The CTA's LEED status supports the City of Dayton's goals for sustainable development, which include reducing the organization's carbon footprint. An organization's participation in the voluntary and technically rigorous LEED process demonstrates leadership, innovation and environmental stewardship.

The Tech Town structure is a 42,000-sq.-ft., three-story office and laboratory building dedicated in August of 2009. It was fully leased before its completion and is home to the following technology organizations and businesses: Institute for Development and Commercialization of Advanced Sensor Technology; Dayton RFID Convergence Center; and Weston Solutions.

Development of the CTA was managed by CityWide Development Corporation in cooperation with the City of Dayton. Heapy Engineering provided LEED consulting and engineering design services. The Architectural Group was the architecture of record and the general contractor was Messer Construction. Funding for construction of the CTA was provided by the City of Dayton, Montgomery County, the Ohio Department of Development, and the Economic Development Administration.

Groundbreaking for Tech Town's second building is scheduled for late spring of 2010.

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